

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A cable connection system, comprising a contact body (11, 28, 31, 32) which has first means (18, ~~27~~) on a cable connecting side for the purpose of producing a releasable electrical and mechanical connection with ~~the~~ an end of a cable to be connected (30) and is designed on a contact side for the purpose of providing an electrical contact, in particular a plugging contact, the first means comprising an essentially rotationally symmetrical, central clamping element (21), which is integrally formed on the contact body (11, 28, 31, 32) and tapers along an axis (33) towards the cable end, and a clamping sleeve (23) which concentrically surrounds the clamping element (21), can be screwed to the contact body (11, 28, 31, 32) ~~in the~~ an axial direction and has an inner, essentially rotationally symmetrical clamping contour (20, 20a, 20b, 20^a, 20b^a) such that, when the clamping sleeve (23) and the clamping element (21) are screwed together, a stranded wire (29), which is inserted into ~~the~~ an intermediate space between the clamping element (21) and the clamping contour (20, 20a, 20b, 20^a, 20b^a), of a the cable (30) to be connected is clamped, characterized in that the clamping element is in the form of a clamping cone (21), in that the clamping contour (20, 20^a) comprises a first section (20a, 20a^a) in which the a limiting face of the clamping contour (20, 20^a) extends approximately parallel to the a cone face of the clamping cone (21) and has a rounded edge, and in that ~~the~~ a clear width (w) of the clamping sleeve (23) in the region of the clamping contour (20, 20^a) is smaller than the a maximum outer diameter of the clamping cone (21).

2. (currently amended): The cable connection system as claimed in claim 1, characterized in that the limiting face of the clamping contour (20) in the first section (20a) extends parallel to the cone face of the clamping cone (21).

3. (currently amended): The cable connection system as claimed in claim 1, ~~in that~~ wherein the limiting face of the clamping contour (20) has a slightly rounded section in the first section (20a) such that a large-area clamping is achieved.

4. (currently amended): ~~The cable connection system as claimed in claim 1-~~ A cable connection system, comprising a contact body which has first means on a cable connecting side for the purpose of producing a releasable electrical and mechanical connection with an end of a cable and is designed on a contact side for the purpose of providing an electrical contact, in particular a plugging contact, the first means comprising an essentially rotationally symmetrical, central clamping element which is integrally formed on the contact body and tapers along an axis towards the cable end, and a clamping sleeve which concentrically surrounds the clamping element can be screwed to the contact body in an axial direction and has an inner, essentially rotationally symmetrical clamping contour such that, when the clamping sleeve and the clamping element are screwed together, a stranded wire, which is inserted into the intermediate space between the clamping element and the clamping contour, of a cable to be connected is clamped, characterized in that the clamping element is in the form of a clamping cone, in that the clamping contour comprises a first section in which a limiting face of the clamping contour extends approximately parallel to a cone face of the clamping cone, and in that a clear width of the clamping sleeve in the region of the clamping contour is smaller than a maximum outer diameter

of the clamping cone, wherein a thread region (18) is arranged on that a side of the clamping cone (21) which faces away from the cable (30), for the purpose of screwing on the clamping sleeve (23), and in that a first recess (19) is provided between the thread region (18) and the clamping cone (21) for the purpose of accommodating the stranded wire (29).

5. (currently amended): The cable connection system as claimed in claim 1. A cable connection system, comprising a contact body which has first means on a cable connecting side for the purpose of producing a releasable electrical and mechanical connection with an end of a cable and is designed on a contact side for the purpose of providing an electrical contact, in particular a plugging contact, the first means comprising an essentially rotationally symmetrical, central clamping element which is integrally formed on the contact body and tapers along an axis towards the cable end, and a clamping sleeve which concentrically surrounds the clamping element can be screwed to the contact body in an axial direction and has an inner, essentially rotationally symmetrical clamping contour such that, when the clamping sleeve and the clamping element are screwed together, a stranded wire, which is inserted into the intermediate space between the clamping element and the clamping contour, of a cable to be connected is clamped, characterized in that the clamping element is in the form of a clamping cone, in that the clamping contour comprises a first section in which a limiting face of the clamping contour extends approximately parallel to a cone face of the clamping cone, and in that a clear width of the clamping sleeve in the region of the clamping contour is smaller than a maximum outer diameter of the clamping cone, wherein at least one viewing hole (24) is provided in the clamping sleeve (23), it being possible to visually check the an insertion of the stranded wire (29) into the a

clamping zone between the clamping cone (24) and the clamping contour (20, 20') through said viewing hole (24).

6. (currently amended): The cable connection system as claimed in claim 5, wherein two opposite viewing holes (24) are provided in the clamping sleeve (23).

7. (currently amended): ~~The cable connection system as claimed in claim 1,~~ wherein a marker recess (27) is arranged on ~~that a side~~ of the clamping cone (24) which faces away from the cable (30), it being necessary for the clamping sleeve (23) to be screwed onto the contact body (11, 28, 31, 32) up to this said marker recess (27) before the stranded wire (29) of the cable (30) is inserted into the clamping zone between the clamping cone (24) and the clamping contour (20, 20').

8. (currently amended): The cable connection system as claimed in claim 1, wherein widths across the flats (17, 17', 25) are provided on the contact body (11, 28, 31, 32) and on the clamping sleeve (23) for the purpose of tightening the screw connection with a defined torque.

9. (currently amended): The cable connection system as claimed in claim 1, wherein the contact body (11, 28, 31, 32) and the clamping sleeve (23) are produced from metal.

10. (currently amended): The cable connection system as claimed in claim 9, wherein the contact body (11, 28, 31, 32) and the clamping sleeve (23) are produced from brass and are provided with a silver plating on ~~the a~~ surface.

11. (currently amended): The cable connection system as claimed in claim 1, wherein the contact body is in the form of a socket ~~(10, 32)~~ or a plug ~~(31)~~ on the contact side.